



# Washington Department of Fish and Wildlife

## Fish Passage & Diversion Screening Inventory Database Report Cover Sheet

The following report is extracted from the Washington Department of Fish and Wildlife's (WDFW) Fish Passage and Diversion Screening Inventory Database (FPDSI). WDFW makes every attempt to keep these reports in sync with FPDSI; however, the dynamic nature of the data and workflows associated with maintaining the database may result in short-term differences.

Users are encouraged to contact WDFW to discuss appropriate use of the data and how we can assist with fish passage barrier removal or inventory. Please visit the Fish Passage web site for contact information at: <https://wdfw.wa.gov/species-habitats/habitat-recovery/fish-passage/about>

### Disclaimers:

- Data presented here represent a snapshot observation of conditions in a dynamic environment that is subject to change. Fish passage data are also collected from a variety of agencies and sources. Therefore, WDFW makes no guarantee concerning the data's content, accuracy, completeness, or the results obtained from use of the data. WDFW assumes no liability for the data represented here.
- These data are not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife.
- Note that some fish passage features, habitats or species may occur in areas not currently known to the WDFW Fish Passage division, and may not be reflected in this database. A lack of data does not necessarily indicate that a feature, habitat, or species are not present.
- Unauthorized attempts to alter or modify these data are strictly prohibited.
- Bankfull width measurements included in these reports should not be used for fish passage crossing design. They are solely for assessment purposes.
- The barrier status reported in this document is based on the swimming abilities of adult salmonids. Passabilities are a qualitative value, and should not be interpreted as a quantitative calculation. Please see page 1-4 of the Fish Passage Inventory, Assessment and Prioritization Manual for further clarification: <https://wdfw.wa.gov/publications/02061>
- EXIF data presented with Image Reports may be erroneous due to camera battery failures and resetting of camera clock functions.

### Abbreviations:

Most abbreviations in this report are defined in the Quick Reference Tables of the Fish Passage Inventory, Assessment, and Prioritization Manual. Additional commonly used abbreviations are defined as follows:

**NFB** = no potential salmonid use, **BB** = both banks, **LB** = left bank looking downstream, **RB** = right bank looking downstream, **US** or **U/S** = upstream, **DS** or **D/S** = downstream, **WSDrop** = water surface drop, **BFW** = bankfull width, **OHW** = ordinary high water, **SLW** = scour line width, **CMP** = corrugated metal pipe, **Q<sub>fp</sub>** = fish passage flow, **V&D** = Velocity and Depth, **ROW** = Right of Way

The FPDSI database often uses default values such as '-99.99' or '-999' to represent null values.

## WDFW Fish Passage and Diversion Screening Inventory Database

### Site Description Report

Site ID 105 K060620a

Project CITY

☐ Mitigated

#### Geographic Coordinates

Latitude (WGS 84): 47.34548  
Longitude (WGS 84): -122.58283  
East (NAD 83 HARN): 1,124,110.7  
North (NAD 83 HARN): 740,621.1

#### Waterbody

Stream: Crescent Cr  
Tributary To: Gig Harbor  
WRIA: 15.0099  
River Mile: -999.99  
Fish Use Potential: Yes  
FUP Criteria: Mapped

#### General Location

Road Name: 96th St  
Mile Post: -999.99  
County: Pierce  
WDFW Region: 4

#### Owner

Type: City  
Name: City of Gig Harbor

#### PI Species

☐ Sockeye ☒ Chinook ☒ Sea Run Cutthroat  
☐ Pink ☒ Coho ☒ Resident Trout  
☒ Chum ☒ Steelhead ☐ Bull Trout

#### Associated Features

☒ Culvert ☐ Dam ☐ Natural Barrier ☐ Diversion  
☐ Non-Culvert Xing ☐ Other ☐ Fishway

#### Location/Directions

Mouth of Crescent Cr @ city park.

#### Site Comments

Tidal marsh upstream, flow probably reverses on incoming tide.

11/18/2021

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# WDFW Fish Passage and Diversion Screening Inventory Database

## Level A Culvert Assessment Report

Site ID:	105 K060620a		
Latitude:	47.34548	Stream:	Crescent Cr
Longitude:	-122.58283	Tributary To:	Gig Harbor
		WRIA:	15.0099
		Fish Use Potential:	Yes

Data Source:	Washington Department of Fish and Wildlife		
Field Crew:	Ingram;Trim	Review Date:	4/11/2013

Culvert Details								Level A Parameters					
ID	Shape	Material	Span	Rise	Length	WDIC	Apron	WSDrop	Location	Countersunk	Backwater	Slope (%)	Sediment
1.1	BOX	CPC	1.75	1.75	35.00	0.33	BE	0.00		No	No	2.24	
All dimensions in meters													

<b>Channel Description</b>	
Toe Width (m):	3.1
Average Width (m):	6.40
Culvert/Stream Width Ratio:	0.27
<b>Plunge Pool</b>	
Length (m):	-999.99
Max Depth (m):	-99.99
OHW Width (m):	-999.99
<b>Road</b>	
Fill Depth (m):	5.00



<b>Assessment Results</b>		Tidal Influence:		Tidegate Present:	No
Barrier:	Yes	Passability (%):	Unknown	Method:	Professional Judgment
Reason:	Depth	Fishway Present:	No	Recheck:	

<b>Comments</b>
Tidal culvert. DS end is completely submerged at high tide, barnacles attached to the top. Barrier at low tide levels. BFW taken 150 ft. upstream. Engineer review by WaterFall (Powers) concluded barrier status 80% of tide 3/2015.

<b>Potential Habitat Gain</b>		
Survey Type:		Spawning (sq m):
Significant Reach:	Yes	Rearing (sq m):
		Length (m):
		PI Total:

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# WDFW Fish Passage and Diversion Screening Inventory Database

## Image Report - Active

Site ID: 105 K060620a

Latitude: 47.34548

Stream: Crescent Cr

WRIA:

15.0099

Longitude: -122.58283

Tributary To: Gig Harbor

Fish Use Potential:

Yes

### Associated Features

☒ Culvert

☐ Dam

☐ Natural Barrier

☐ Diversion

☐ Non-Culvert Xing

☐ Other

☐ Fishway



11/18/2021

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